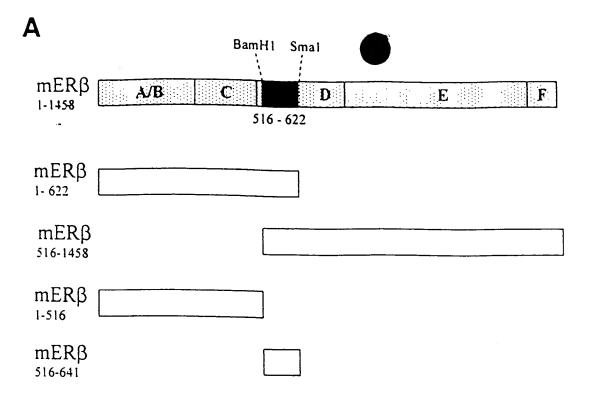


FIG. 1

Α	ECI.txt mad2.txt	ATSGCGCTGCAGCTCTCCCGGGGAGCAAGGCATCACCTTTTTTTT	
	EC1.txt mad2.txt		102 120
	EC1.txt mad2.txt	103:GAAACCTTTACTCGAGTGCAGAAATATGGACTCACCTTGCTTG	162 190
	EC1.txt mad2.txt	163:CTCATAAAATACCTAAATAATGTGGTGGATCAACTAAAAGAATGGTTATACAAGTGTTCA 181:CTCATAAAATACCTAAATAATGTGGTGGAACAACTGAAAGATTGGTTATACAAGTGTTCA	222 240
	EC1.txt mad2.txt	223: GTTCAGAAACTGGTGGTAGTCATCTCAAATATTGAAAGTGGAGAGGTCCTTGAAAGATGG 241: GTTCAGAAACTGGTTGTAGTTATCTCAAATATTGAAAGTGGTGAGGTCCTGGAAAGATGG	232 300
	EC1.txt mad2.txt	283:CAGTTTGATATTGAGTGTGACAAGACTGCAAAAGATGACAGTGCACCCAGAGAAAAGTCT 301:CAGTTTGATATTGAGTGTGACAAGACTGCAAAAGATGACAGTGCACCCAGAGAAAAAGTCT	342 360
	EC1.txt mad2.txt	343:CAGAAAGCTATCCAAGATGAAATCCGTTCAGTGATCAGACAGA	402 420
	EC1.txt mad2.txt	403:TTTCTGCCACTGTTGGAAGTTTCTTGTTCATTTGATCTCCTCATTTATACAGACAAAGAT 421:TTTCTGCCACTGTTGGAAGTTTCTTGTTCATTTGATCTGCTGATTTATACAGACAAAGAT	462 480
	EC1.txt mad2.txt	463:CTGGTTGTNCCTGAGAAATGGGAAGA-TCNGGACGACAGTTCATTACCAATTCTGAAGAA 481:TTGGTTGTACCTGAAAAATGGGAAGAGTCGGGACGACAGTTTATTACCAATTCTGAGGAA	521 540
	EC1.txt mad2.txt	522:GTTCGTCTTCGTTCATTCACTACTACAATTCACAAAGTAAATAGCATGGTAGCCTACAAA 541:GTGCGCCTTCGTTCATTTACTACTACAATCCACAAAGTAAATAGCATGGTGGCCTACAAA	581 600
		582:ATTCCTGTCCATGACTGA 601:ATTCCTGTCAATGACTGA	399 613
_			
В	EC-1:	1 REQGITLPGSAEIVAEFFSFGINSILYQRGIYFSETFTRVQKYGLTLLVTTDPELIKYLN	60
		REQGITL GSAEÍVAEFFSFGINSILYQRGIYPSETFTRVQKYGLTLLVTTD ELIKYLN	I
	hsMAD2:	7 REQGITLRGSAEIVAEFFSFGINSILYQRGIYFSETFTRVQKYGLTLLVTTDLELIKYLN	1 66
	EC-1:	61 NVVDQLKEWLYKCSVQKLVVVISNIESGEVLERWQFDIECDKTAKDDSAPRQKSQKAIQU	
	hsMAD2:	NVV+QLK+WLYKCSVQKLVVVISNIESGEVLERWQFDIECDKTAKDDSAPR+KSQKAIQE 67 NVVEQLKDWLYKCSVQKLVVVISNIESGEVLERWQFDIECDKTAKDDSAPREKSQKAIQE	
	EC-1:	121 EIRSVIRHITATYTFLPLLEVSCSFOLLIYTOKOLVVPEKMEXSGPQFITNSEELRLRS	. •
	hsMAD2:	EIRSVIR ITATVTFLPLLEVSCSFDLLIYTDKDLVVPEKWE SGPQFITNSEE+RLRS 127 EIRSVIRQITATVTFLPLLEVSCSFDLLIYTDKDLVVPEKWEESGPQFITNSEEVRLRS	
	EC-1:	131 TTTIHKVNSMVAYKIPVHD 199	
	b	TTTIHKVNSMVAYKIPV+D	
	hsMAD2:	187 TTTIHKVNSMVAYKIPVND 205	



В

BD	AD	HIS	β-Gal
EC1	<i>j</i> -	_	_
EC1	/ AD	-	-
EC1	/ mERβ516-1458	+	+
EC1	/ mERβ	+	+
BD	/ mERβ516-1458	-	-
$mER\alpha$	/ mERβ516-1458	+	+ .
mERβ1-622	/EC1	+	+
mERβ1-516	/ EC1	-	-
mERβ 516-641	/ EC1		
mERβ1-622	/ AD	-	
mERβ1-516	/ AD	-	-
mERβ	/EC1	+	+
BD	/EC1	-	-

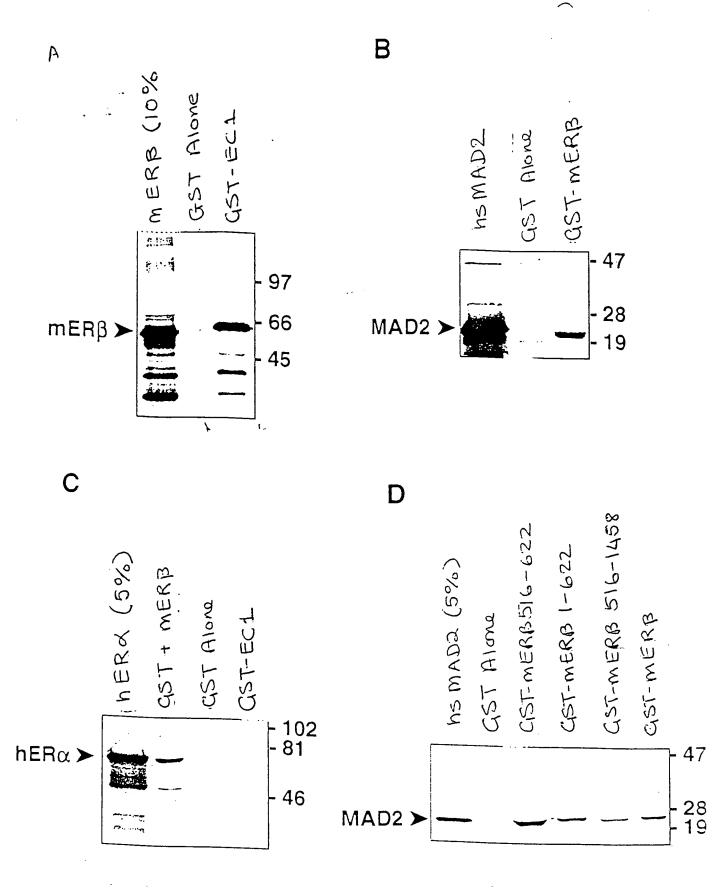


FIG 4